Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

me of Work: Restoration and Improvements of Balance Roads of Brundhavana Layout, Balaji Layout, BHEL 1st Phase and 2nd Phase Layout, Lakshmaiah Reddy Layout, Naidu Layout, Jyothinagara 3rd Phase, Ramanna Garden 2nd and Surrounding Area in Ward no-03 of Yelahanka New Town Sub Division

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Civil Work								
KSRRB300-1. **Earthwork excavation by manual means** for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)								
Basic rate	130.00							
Area Weightage 6%	7.80							
Loading and Unloading & Lead,8KM, (57+ 2*1.28*8)	77.48							
Total	**215.28**							
	Cum							
For RCC DRAIN								
Brundavana Layout								
Temple Connecting Rd		2	130.00	1.10	1.00	286.00		
Continue Upto Compound LHS		1	190.00	1.00	1.00	190.00		
Continue Upto Compound RHS		1	190.00	1.10	1.00	209.00		
Enrich Brundavana Layout Rd		2	130.00	1.10	1.00	286.00		
3rd Main Rd		2	72.50	1.10	1.00	159.50		
2nd Cross Rd		2	40.00	1.10	1.00	88.00		
5th Main Rd		2	84.00	1.10	1.00	184.80		
Connecting Rd to Avikya Layout		2	165.00	1.00	1.00	330.00		
Kare Anjanappa Layout								
Main Rd		2	58.00	1.00	1.00	116.00		
Mariyappa Layout								
Slv Enterprises Rd LHS		1	128.50	1.10	1.00	141.35		
Slv Enterprises Rd RHS		1	128.50	1.00	1.00	128.50		
Main Rd		2	176.00	1.10	1.00	387.20		
Cross Rd		2	100.00	1.10	1.00	220.00		
Best County III								
Connecting Drain(Best County III to G Ramayya		1	150.00	1.50	1.20	270.00		
Ambhabhavani nagara								
1st Main Rd Turning(W0416)		1	30.00	1.10	1.00	33.00		
Cross Rd		1	27.50	1.10	1.00	30.25		
3rd Cross Rd(W0513)		2	60.00	1.00	1.00	120.00		
4th Cross Rd(W0511)		2	60.00	1.00	1.00	120.00		
5th Cross Rd(W0757)		1	220.00	1.10	1.00	242.00		
Missing Drain		1	41.00	1.00	1.00	41.00		
6th Cross Rd(W0765)		2	114.00	1.10	1.00	250.80		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
7th Cross Rd(W0763)		1	118.00	1.10	1.00	129.80		
Cross rd		2	96.00	1.10	1.00	211.20		
SLV Meadows								
Upto Heseraghatta Rd LHS		1	330.00	1.10	1.00	363.00		
Upto Heseraghatta Rd RHS		1	351.00	1.10	1.00	386.10		
G Ramayya Layout								
Dhanush Enclave oppo Rd		2	65.20	1.10	1.00	143.44		
Kallam Kutira House Rd		2	70.00	1.10	1.00	154.00		
Devi Circle								
From Devi Circle Upto Last Bus Stop		1	400.00	1.10	1.00	440.00		
3rd Cross Road (W0432)		2	30.00	1.10	1.00	66.00		
2nd Cross Road (W0436)		2	30.00	1.10	1.00	66.00		
1st Cross Road (W0438)		2	30.00	1.10	1.00	66.00		
For RCC CULVERT								
Brundavana Layout		7	6.50	1.50	1.00	68.25		
		1	10.00	1.80	1.00	18.00		
Kare Anjanappa Layout		1	4.80	1.50	1.00	7.20		
Mariyappa Layout		2	6.80	1.50	1.00	20.40		
Ambhabhavani nagara		4	6.00	1.50	1.00	36.00		
SLV Meadows								
Upto Heseraghatta Rd LHS		4	6.80	1.50	1.00	40.80		
		1	13.00	1.80	1.00	23.40		
Upto Heseraghatta Rd RHS		1	9.50	1.50	1.00	14.25		
Devi Circle								
Upto Last Bus Stop		4	9.00	1.50	1.00	54.00		
						6141.24		
Deduct 15% Existing Drain Earthwork						921.19		
						5220.05	**215.28**	**1123773.23**
KSRB 4-1.3 : Providing and laying in position **plain cement concrete of Mix 1:4:8** with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No-13,I No-4.3 of PWD BCSR 2018-19)								
Basic Rate	5102.00							
3.6*55.47	199.69							
Sub total	5301.69							
6% Area weightage	318.10							
Total	**5619.79**							
	Cum							
For RCC DRAIN								
Brundavana Layout								
Temple Connecting Rd		2	130.00	1.10	0.15	42.90		
Continue Upto Compound LHS		1	190.00	1.00	0.15	28.50		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Continue Upto Compound RHS		1	190.00	1.10	0.15	31.35		
Enrich Brundavana Layout Rd		2	130.00	1.10	0.15	42.90		
3rd Main Rd		2	72.50	1.10	0.15	23.93		
2nd Cross Rd		2	40.00	1.10	0.15	13.20		
5th Main Rd		2	84.00	1.10	0.15	27.72		
Connecting Rd to Avikya Layout		2	165.00	1.00	0.15	49.50		
Kare Anjanappa Layout								
Main Rd		2	58.00	1.00	0.15	17.40		
Mariyappa Layout								
Slv Enterprises Rd LHS		1	128.50	1.10	0.15	21.20		
Slv Enterprises Rd RHS		1	128.50	1.00	0.15	19.28		
Main Rd		2	176.00	1.10	0.15	58.08		
Cross Rd		2	100.00	1.10	0.15	33.00		
Best County III								
Connecting Drain(Best County III to G Ramayya Layout)		1	150.00	1.50	0.15	33.75		
Ambhabhavani nagara								
1st Main Rd Turning(W0416)		1	30.00	1.10	0.15	4.95		
Cross Rd		1	27.50	1.10	0.15	4.54		
3rd Cross Rd(W0513)		2	60.00	1.00	0.15	18.00		
4th Cross Rd(W0511)		2	60.00	1.00	0.15	18.00		
5th Cross Rd(W0757)		1	220.00	1.10	0.15	36.30		
Missing Drain		1	41.00	1.00	0.15	6.15		
6th Cross Rd(W0765)		2	114.00	1.10	0.15	37.62		
7th Cross Rd(W0763)		1	118.00	1.10	0.15	19.47		
Cross rd		2	96.00	1.10	0.15	31.68		
SLV Meadows								
Upto Heseraghatta Rd LHS		1	330.00	1.10	0.15	54.45		
Upto Heseraghatta Rd RHS		1	351.00	1.10	0.15	57.92		
G Ramayya Layout								
Dhanush Enclave oppo Rd		2	65.20	1.10	0.15	21.52		
Kallam Kutira House Rd		2	70.00	1.10	0.15	23.10		
Devi Circle								
From Devi Circle Upto Last Bus Stop		1	400.00	1.10	0.15	66.00		
3rd Cross Road (W0432)		2	30.00	1.10	0.15	9.90		
2nd Cross Road (W0436)		2	30.00	1.10	0.15	9.90		
1st Cross Road (W0438)		2	30.00	1.10	0.15	9.90		
For RCC CULVERT								
Brundavana Layout		7	6.50	1.50	0.15	10.24		
		1	10.00	1.80	0.15	2.70		
Kare Anjanappa Layout		1	4.80	1.50	0.15	1.08		
Mariyappa Layout		2	6.80	1.50	0.15	3.06		
Ambhabhavani nagara		4	6.00	1.50	0.15	5.40		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
SLV Meadows								
Upto Heseraghatta Rd LHS		4	6.80	1.50	0.15	6.12		
		1	13.00	1.80	0.15	3.51		
Upto Heseraghatta Rd RHS		1	9.50	1.50	0.15	2.14		
Devi Circle								
Upto Last Bus Stop		4	9.00	1.50	0.15	8.10		
						914.44	**5619.79**	**5138941.51**
KSRRB M2200-6. Providing **TMT Bars Fe 500 steel reinforcement** for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.(I.NO 28.8.2 Page no 229, SR 2018-19)								
Basic Rate	75610.00							
Area Weightage 6%	4536.60							
	80146.60							
	Tn							
Consider 60kg/cum for drain		1	1732.49		0.06	103.95		
Consider 80kg/cum for culvert		1	87.67		0.08	7.01		
						110.96	**80146.60**	**8893324.81**
Providing and laying plain/reinforced cement concrete for side drains using **M20 nominal mix concrete with OPC at 300 kgs.** With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
Basic rate	6670.00							
6*55.47	332.82							
Sub total	7002.82							
6% Area weightage	420.17							
Total	**7422.99**							
	Cum							
For RCC DRAIN RAFT								
Brundavana Layout								
Temple Connecting Rd		2	130.00	0.90	0.15	35.10		
Continue Upto Compound LHS		1	190.00	0.80	0.15	22.80		
Continue Upto Compound RHS		1	190.00	0.90	0.15	25.65		
Enrich Brundavana Layout Rd		2	130.00	0.90	0.15	35.10		
3rd Main Rd		2	72.50	0.90	0.15	19.58		
2nd Cross Rd		2	40.00	0.90	0.15	10.80		
5th Main Rd		2	84.00	0.90	0.15	22.68		
Connecting Rd to Avikya Layout		2	165.00	0.80	0.15	39.60		
Kare Anjanappa Layout								
Main Rd		2	58.00	0.80	0.15	13.92		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Mariyappa Layout								
Slv Enterprises Rd LHS		1	128.50	0.90	0.15	17.35		
Slv Enterprises Rd RHS		1	128.50	0.80	0.15	15.42		
Main Rd		2	176.00	0.90	0.15	47.52		
Cross Rd		2	100.00	0.90	0.15	27.00		
Best County III								
Connecting Drain(Best County III to G Ramayya		1	150.00	1.20	0.15	27.00		
Ambhabhavani nagara								
1st Main Rd Turning(W0416)		1	30.00	0.90	0.15	4.05		
Cross Rd		1	27.50	0.90	0.15	3.71		
3rd Cross Rd(W0513)		2	60.00	0.80	0.15	14.40		
4th Cross Rd(W0511)		2	60.00	0.80	0.15	14.40		
5th Cross Rd(W0757)		1	220.00	0.90	0.15	29.70		
Missing Drain		1	41.00	0.80	0.15	4.92		
6th Cross Rd(W0765)		2	114.00	0.90	0.15	30.78		
7th Cross Rd(W0763)		1	118.00	0.90	0.15	15.93		
Cross rd		2	96.00	0.90	0.15	25.92		
SLV Meadows								
Upto Heseraghatta Rd LHS		1	330.00	0.90	0.15	44.55		
Upto Heseraghatta Rd RHS		1	351.00	0.90	0.15	47.39		
G Ramayya Layout								
Dhanush Enclave oppo Rd		2	65.20	0.90	0.15	17.60		
Kallam Kutira House Rd		2	70.00	0.90	0.15	18.90		
Devi Circle								
From Devi Circle Upto Last Bus Stop		1	400.00	0.90	0.15	54.00		
3rd Cross Road (W0432)		2	30.00	0.90	0.15	8.10		
2nd Cross Road (W0436)		2	30.00	0.90	0.15	8.10		
1st Cross Road (W0438)		2	30.00	0.90	0.15	8.10		
For RCC DRAIN WALL								
Brundavana Layout								
Temple Connecting Rd		4	130.00	0.15	0.60	46.80		
Continue Upto Compound LHS		2	190.00	0.15	0.65	37.05		
Continue Upto Compound RHS		2	190.00	0.15	0.65	37.05		
Enrich Brundavana Layout Rd		4	130.00	0.15	0.60	46.80		
3rd Main Rd		4	72.50	0.15	0.60	26.10		
2nd Cross Rd		4	40.00	0.15	0.60	14.40		
5th Main Rd		4	84.00	0.15	0.60	30.24		
Connecting Rd to Avikya Layout		4	165.00	0.15	0.75	74.25		
Kare Anjanappa Layout								
Main Rd		4	58.00	0.15	0.60	20.88		
Mariyappa Layout								
Slv Enterprises Rd LHS		2	128.50	0.15	0.60	23.13		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Slv Enterprises Rd RHS		2	128.50	0.15	0.60	23.13		
Main Rd		4	176.00	0.15	0.70	73.92		
Cross Rd		4	100.00	0.15	0.60	36.00		
Best County III								
Connecting Drain(Best County III to G Ramayya		2	150.00	0.15	0.90	40.50		
Brundavana Layout								
Ambhabhavani nagara								
1st Main Rd Turning(W0416)		2	30.00	0.15	0.60	5.40		
Cross Rd		2	27.50	0.15	0.60	4.95		
3rd Cross Rd(W0513)		4	60.00	0.15	0.60	21.60		
4th Cross Rd(W0511)		4	60.00	0.15	0.60	21.60		
5th Cross Rd(W0757)		2	220.00	0.15	0.65	42.90		
Missing Drain		2	41.00	0.15	0.60	7.38		
6th Cross Rd(W0765)		4	114.00	0.15	0.60	41.04		
7th Cross Rd(W0763)		2	118.00	0.15	0.60	21.24		
Cross rd		4	95.00	0.15	0.60	34.20		
SLV Meadows								
Upto Heseraghatta Rd LHS		2	330.00	0.15	0.65	64.35		
Upto Heseraghatta Rd RHS		2	351.00	0.15	0.65	68.45		
G Ramayya Layout								
Dhanush Enclave oppo Rd		4	65.20	0.15	0.60	23.47		
Kallam Kutira House Rd		4	70.00	0.15	0.60	25.20		
Devi Circle								
From Devi Circle Upto Last Bus Stop		2	400.00	0.15	0.65	78.00		
3rd Cross Road (W0432)		4	30.00	0.15	0.60	10.80		
2nd Cross Road (W0436)		4	30.00	0.15	0.60	10.80		
1st Cross Road (W0438)		4	30.00	0.15	0.60	10.80		
						1732.49		
RCC CULVERT RAFT								
Brundavana Layout		7	6.50	1.20	0.20	10.92		
		1	10.00	1.50	0.20	3.00		
Kare Anjanappa Layout		1	4.80	1.20	0.20	1.15		
Mariyappa Layout		2	6.80	1.20	0.20	3.26		
Ambhabhavani nagara		4	6.00	1.20	0.20	5.76		
SLV Meadows								
Upto Heseraghatta Rd LHS		4	6.80	1.20	0.20	6.53		
		1	13.00	1.50	0.20	3.90		
Upto Heseraghatta Rd RHS		1	9.50	1.20	0.20	2.28		
Devi Circle								
Upto Last Bus Stop		4	9.00	1.20	0.20	8.64		
RCC CULVERT WALL								
Brundavana Layout		14	6.50	0.23	0.50	10.47		
		2	10.00	0.23	0.50	2.30		
Kare Anjanappa Layout		2	4.80	0.23	0.50	1.10		
Mariyappa Layout		4	6.80	0.23	0.50	3.13		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Ambhabhavani nagara		8	6.00	0.23	0.50	5.52		
SLV Meadows								
Upto Heseraghatta Rd LHS		8	6.80	0.23	0.50	6.26		
		2	13.00	0.23	0.50	2.99		
Upto Heseraghatta Rd RHS		2	9.50	0.23	0.50	2.19		
Devi Circle								
Upto Last Bus Stop		8	9.00	0.23	0.50	8.28		
						87.67		
						1820.16	**7422.99**	**13511050.29**
Providing and Fixing **Pre cast covering Slab 100mm thick** made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
Data rate	**1922.00**							
	Sqm							
Pre Cast Covering Slab								
Best County III								
Connecting Drain(Best County III to G Ramayya		1	150.00	1.20		180.00		
						180.00		
Brundavana Layout								
Temple Connecting Rd		2	130.00	0.90		234.00		
Continue Upto Compound LHS		1	190.00	0.75		142.50		
Continue Upto Compound RHS		1	190.00	0.90		171.00		
Enrich Brundavana Layout Rd		2	130.00	0.90		234.00		
3rd Main Rd		2	72.50	0.90		130.50		
2nd Cross Rd		2	40.00	0.90		72.00		
5th Main Rd		2	84.00	0.90		151.20		
Connecting Rd to Avikya Layout		2	165.00	0.75		247.50		
Kare Anjanappa Layout								
Main Rd		2	58.00	0.75		87.00		
Mariyappa Layout								
Slv Enterprises Rd LHS		1	128.50	0.90		115.65		
Slv Enterprises Rd RHS		1	128.50	0.75		96.38		
Main Rd		2	176.00	0.90		316.80		
Cross Rd		2	100.00	0.90		180.00		
Brundavana Layout								
Ambhabhavani nagara								
1st Main Rd Turning(W0416)		1	30.00	0.90		27.00		
Cross Rd		1	27.50	0.90		24.75		
3rd Cross Rd(W0513)		2	60.00	0.75		90.00		
4th Cross Rd(W0511)		2	60.00	0.75		90.00		
5th Cross Rd(W0757)		1	220.00	0.90		198.00		
Missing Drain		1	41.00	0.75		30.75		
6th Cross Rd(W0765)		2	114.00	0.90		205.20		
7th Cross Rd(W0763)		1	118.00	0.90		106.20		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Cross rd		2	96.00	0.90		172.80		
SLV Meadows								
Upto Heseraghatta Rd LHS		1	330.00	0.90		297.00		
Upto Heseraghatta Rd RHS		1	351.00	0.90		315.90		
G Ramayya Layout								
Dhanush Enclave oppo Rd		2	65.20	0.90		117.36		
Kallam Kutira House Rd		2	70.00	0.90		126.00		
Devi Circle								
From Devi Circle Upto Last Bus Stop		1	400.00	0.90		360.00		
3rd Cross Road (W0432)		2	30.00	0.90		54.00		
2nd Cross Road (W0436)		2	30.00	0.90		54.00		
1st Cross Road (W0438)		2	30.00	0.90		54.00		
						4501.49		
			Consider 80%			3601.19		
						3781.19	1922.00	7267443.34
Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)								
Basic rate	105.00							
Area Weightage 6%	6.30							
Total	**111.30**							
	Sqm							
Brundavana Layout								
Temple Connecting Rd		2	130.00	0.90		234.00		
Continue Upto Compound LHS		1	190.00	0.75		142.50		
Continue Upto Compound RHS		1	190.00	0.90		171.00		
Enrich Brundavana Layout Rd		2	130.00	0.90		234.00		
3rd Main Rd		2	72.50	0.90		130.50		
2nd Cross Rd		2	40.00	0.90		72.00		
5th Main Rd		2	84.00	0.90		151.20		
Connecting Rd to Avikya Layout		2	165.00	0.75		247.50		
Kare Anjanappa Layout								
Main Rd		2	58.00	0.75		87.00		
Mariyappa Layout								
Slv Enterprises Rd LHS		1	128.50	0.90		115.65		
Slv Enterprises Rd RHS		1	128.50	0.75		96.38		
Main Rd		2	176.00	0.90		316.80		
Cross Rd		2	100.00	0.90		180.00		
Ambhabhavani nagara								
1st Main Rd Turning(W0416)		1	30.00	0.90		27.00		
Cross Rd		1	27.50	0.90		24.75		
3rd Cross Rd(W0513)		2	60.00	0.75		90.00		
4th Cross Rd(W0511)		2	60.00	0.75		90.00		
5th Cross Rd(W0757)		1	220.00	0.90		198.00		
Missing Drain		1	41.00	0.75		30.75		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
6th Cross Rd(W0765)		2	114.00	0.90		205.20		
7th Cross Rd(W0763)		1	118.00	0.90		106.20		
Cross rd		2	96.00	0.90		172.80		
SLV Meadows								
Upto Heseraghatta Rd LHS		1	330.00	0.90		297.00		
Upto Heseraghatta Rd RHS		1	351.00	0.90		315.90		
G Ramayya Layout								
Dhanush Enclave oppo Rd		2	65.20	0.90		117.36		
Kallam Kutira House Rd		2	70.00	0.90		126.00		
Devi Circle								
From Devi Circle Upto Last Bus Stop (M0007)		1	400.00	0.90		360.00		
3rd Cross Road (W0432)		2	30.00	0.90		54.00		
2nd Cross Road (W0436)		2	30.00	0.90		54.00		
1st Cross Road (W0438)		2	30.00	0.90		54.00		
						4501.49		
Deduct 80% new slabs						3601.19		
						900.30	**111.30**	**100203.06**
KSRB 5-8.1 : **Providing one line dressing** to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13 (P.No-26, I No-5.17)								
Basic Rate	897.00							
Area Weightage 6%	53.82							
	950.82							
	Sqm							
From item no. 06						900.30		
						900.30	**950.82**	**856020.39**
Providing and fixing **RCC precast cover slab of 230mm thick** for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
Data rate	**4486.00**							
	Sqm							
RCC Culvert Covering Slab								
Brundavana Layout		7	6.50	1.20		54.60		
		1	10.00	1.50		15.00		
Kare Anjanappa Layout		1	4.80	1.20		5.76		
Mariyappa Layout		2	6.80	1.20		16.32		
Ambhabhavani nagara		4	6.00	1.20		28.80		
SLV Meadows								
Upto Heseraghatta Rd LHS		4	6.80	1.20		32.64		
		1	13.00	1.50		19.50		
Upto Heseraghatta Rd RHS		1	9.50	1.20		11.40		
Devi Circle								
Upto Last Bus Stop		4	9.00	1.20		43.20		
						227.22	**4486.00**	**1019308.92**

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of Mix 1:2:4** with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No-13,I No-4.3 of PWD BCSR 2018-19)								
Basic Rate	5422.00							
4.8*55.47	266.26							
Sub total	5688.26							
6% Area weightage	341.30							
Total	**6029.55**							
	Cum							
For KERB								
Brundavana Layout								
Temple Connecting Rd		2	130.00	0.20	0.10	5.20		
Continue Upto Compound LHS		1	190.00	0.20	0.10	3.80		
Continue Upto Compound RHS		1	190.00	0.20	0.10	3.80		
Enrich Brundavana Layout Rd		2	130.00	0.20	0.10	5.20		
3rd Main Rd		2	72.50	0.20	0.10	2.90		
2nd Cross Rd		2	40.00	0.20	0.10	1.60		
5th Main Rd		2	84.00	0.20	0.10	3.36		
Connecting Rd to Avikya Layout		2	165.00	0.20	0.10	6.60		
Kare Anjanappa Layout								
Main Rd		2	58.00	0.20	0.10	2.32		
Mariyappa Layout								
Slv Enterprises Rd LHS		1	128.50	0.20	0.10	2.57		
Slv Enterprises Rd RHS		1	128.50	0.20	0.10	2.57		
Main Rd		2	176.00	0.20	0.10	7.04		
Cross Rd		2	100.00	0.20	0.10	4.00		
Ambhabhavani nagara								
1st Main Rd Turning(W0416)		1	30.00	0.20	0.10	0.60		
1st A Cross Rd		2	50.00	0.20	0.10	2.00		
Cross Rd		1	27.50	0.20	0.10	0.55		
2nd A Cross Rd		2	65.00	0.20	0.10	2.60		
2nd Cross Rd(W0515)		2	60.00	0.20	0.10	2.40		
3rd Cross Rd(W0513)		2	60.00	0.20	0.10	2.40		
4th Cross Rd(W0511)		2	60.00	0.20	0.10	2.40		
5th Cross Rd(W0757)		1	220.00	0.20	0.10	4.40		
6th Cross Rd(W0765)		2	114.00	0.20	0.10	4.56		
7th Cross Rd(W0763)		1	118.00	0.20	0.10	2.36		
Missing Drain		1	40.00	0.20	0.10	0.80		
2nd main Cross (W0422)		2	110.50	0.20	0.10	4.42		
Missing Kerb		1	120.00	0.20	0.10	2.40		
Cross rd		2	96.00	0.20	0.10	3.84		
SLV Meadows								
Upto Heseraghatta Rd LHS		1	330.00	0.20	0.10	6.60		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Upto Heseraghatta Rd RHS		1	351.00	0.20	0.10	7.02		
G Ramayya Layout								
Dhanush Enclave oppo Rd		2	65.20	0.20	0.10	2.61		
Kallam Kutira House Rd		2	70.00	0.20	0.10	2.80		
Devi Circle								
From Devi Circle Upto Last Bus Stop		1	400.00	0.20	0.10	8.00		
3rd Cross Road (W0432)		2	30.00	0.20	0.10	1.20		
2nd Cross Road (W0436)		2	30.00	0.20	0.10	1.20		
1st Cross Road (W0438)		2	30.00	0.20	0.10	1.20		
						117.32	**6029.55**	**707374.91**
Providing and fixing **pre cast solid cement concrete kerb stones** made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. (I No-5.30,P No-27 of PWD BCSR 2018-19)								
Basic rate	408.00							
Area Weightage 6%	24.48							
Total	432.48							
	Nos							
For KERB								
Brundavana Layout								
Temple Connecting Rd		2	130.00			260.00		
Continue Upto Compound LHS		1	190.00			190.00		
Continue Upto Compound RHS		1	190.00			190.00		
Enrich Brundavana Layout Rd		2	130.00			260.00		
3rd Main Rd		2	72.50			145.00		
2nd Cross Rd		2	40.00			80.00		
5th Main Rd		2	84.00			168.00		
Connecting Rd to Avikya Layout		2	165.00			330.00		
Kare Anjanappa Layout								
Main Rd		2	58.00			116.00		
Mariyappa Layout								
Slv Enterprises Rd LHS		1	128.50			128.50		
Slv Enterprises Rd RHS		1	128.50			128.50		
Main Rd		2	176.00			352.00		
Cross Rd		2	100.00			200.00		
Ambhabhavani nagara								
1st Main Rd Turning(W0416)		1	30.00			30.00		
1st A Cross Rd		2	50.00			100.00		
Cross Rd		1	27.50			27.50		
2nd A Cross Rd		2	65.00			130.00		
2nd Cross Rd(W0515)		2	60.00			120.00		
3rd Cross Rd(W0513)		2	60.00			120.00		
4th Cross Rd(W0511)		2	60.00			120.00		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
5th Cross Rd(W0757)		1	220.00			220.00		
6th Cross Rd(W0765)		2	114.00			228.00		
7th Cross Rd(W0763)		1	118.00			118.00		
Missing Drain		1	40.00			40.00		
2nd main Cross (W0422)		2	110.50			221.00		
Missing Kerb		1	120.00			120.00		
Cross rd		2	96.00			192.00		
SLV Meadows								
Upto Heseraghatta Rd LHS		1	330.00			330.00		
Upto Heseraghatta Rd RHS		1	351.00			351.00		
G Ramayya Layout								
Dhanush Enclave oppo Rd		2	65.20			130.40		
Kallam Kutira House Rd		2	70.00			140.00		
Devi Circle								
From Devi Circle Upto Last Bus Stop		1	400.00			400.00		
3rd Cross Road (W0432)		2	30.00			60.00		
2nd Cross Road (W0436)		2	30.00			60.00		
1st Cross Road (W0438)		2	30.00			60.00		
						5865.90		
						13035.00	**432.48**	**5637376.80**
Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)								
Basic rate	80.00							
Area Weightage 6%	4.80							
Total	84.80							
	Sqm							
For KERB								
Brundavana Layout								
Temple Connecting Rd		2	130.00		0.30	78.00		
Continue Upto Compound LHS		1	190.00		0.30	57.00		
Continue Upto Compound RHS		1	190.00		0.30	57.00		
Enrich Brundavana Layout Rd		2	130.00		0.30	78.00		
3rd Main Rd		2	72.50		0.30	43.50		
2nd Cross Rd		2	40.00		0.30	24.00		
5th Main Rd		2	84.00		0.30	50.40		
Connecting Rd to Avikya Layout		2	165.00		0.30	99.00		
Kare Anjanappa Layout								
Main Rd		2	58.00		0.30	34.80		
Mariyappa Layout								
Slv Enterprises Rd LHS		1	128.50		0.30	38.55		
Slv Enterprises Rd RHS		1	128.50		0.30	38.55		
Main Rd		2	176.00		0.30	105.60		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Cross Rd		2	100.00		0.30	60.00		
Ambhabhavani nagara								
1st Main Rd Turning(W0416)		1	30.00		0.30	9.00		
1st A Cross Rd		2	50.00		0.30	30.00		
Cross Rd		1	27.50		0.30	8.25		
2nd A Cross Rd		2	65.00		0.30	39.00		
2nd Cross Rd(W0515)		2	60.00		0.30	36.00		
3rd Cross Rd(W0513)		2	60.00		0.30	36.00		
4th Cross Rd(W0511)		2	60.00		0.30	36.00		
5th Cross Rd(W0757)		1	220.00		0.30	66.00		
6th Cross Rd(W0765)		2	114.00		0.30	68.40		
7th Cross Rd(W0763)		1	118.00		0.30	35.40		
Missing Drain		1	40.00		0.30	12.00		
2nd main Cross (W0422)		2	110.50		0.30	66.30		
Missing Kerb		1	120.00		0.30	36.00		
Cross rd		2	96.00		0.30	57.60		
SLV Meadows								
Upto Heseraghatta Rd LHS		1	330.00		0.30	99.00		
Upto Heseraghatta Rd RHS		1	351.00		0.30	105.30		
G Ramayya Layout								
Dhanush Enclave oppo Rd		2	65.20		0.30	39.12		
Kallam Kutira House Rd		2	70.00		0.30	42.00		
Devi Circle								
From Devi Circle Upto Last Bus Stop		1	400.00		0.30	120.00		
3rd Cross Road (W0432)		2	30.00		0.30	18.00		
2nd Cross Road (W0436)		2	30.00		0.30	18.00		
1st Cross Road (W0438)		2	30.00		0.30	18.00		
						1759.77	**84.80**	**149228.50**

KSRRB M300-14. **Excavation for roadwork in soil with hydraulic excavator** of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications. MORTH Specification No.301 (P.No-143, I No-19.14)

Basic rate	41.00							
Area Weightage 6%	2.46							
Lead 8KM	20.48							
Total	**63.94**							
	Cum							
New Asphalt Road								
Brundavana Layout								
Temple Connecting Rd		1	130.00	6.60	0.35	300.30		
Continue Upto Compound		1	190.00	5.60	0.35	372.40		
Compound to Temple Rd		1	135.00	5.50	0.35	259.88		
Enrich Brundavana Layout Rd		1	154.50	7.50	0.35	405.56		
3rd Main Rd		1	72.50	6.40	0.35	162.40		

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	2nd Cross Rd		1	40.00	6.00	0.35	84.00		
	5th Main Rd		1	84.00	6.30	0.35	185.22		
	Connecting Rd to Avikya Layout		1	165.00	6.00	0.35	346.50		
	Kare Anjanappa Layout								
	Main Rd		1	58.00	5.90	0.30	102.66		
	Mariyappa Layout								
	Slv Enterprises Rd		1	128.50	5.50	0.35	247.36		
	Main Rd		1	176.00	5.90	0.35	363.44		
	Cross Rd		1	75.00	5.50	0.30	123.75		
	Debris		15	10.00	3.00	0.40	180.00		
	Ambhabhavani nagara								
	1st Main Rd From Turning (W0416)		1	19.00	6.20	0.35	41.23		
	1st Main Rd From Dead End (W0416)		1	115.00	5.80	0.35	233.45		
	1st A Cross Rd		1	76.50	7.50	0.35	200.81		
	Cross Rd		1	27.50	6.50	0.35	62.56		
	2nd A Cross Rd		1	65.00	5.50	0.35	125.13		
	1st Cross Rd Starting(W0519)		1	15.00	3.80	0.35	19.95		
	1st Cross Rd Dead end(W0519)		1	58.50	5.90	0.35	120.80		
	2nd Cross Rd(W0515)		1	60.00	5.90	0.35	123.90		
	3rd Cross Rd(W0513)		1	60.00	5.90	0.35	123.90		
	4th Cross Rd(W0511)		1	60.00	5.90	0.35	123.90		
	5th Cross Rd(W0757)		1	220.00	5.30	0.35	408.10		
	2nd main Rd(W0418)		1	116.00	5.50	0.35	223.30		
	2nd main Cross (W0422)		1	110.50	5.80	0.35	224.32		
	6th Cross Rd(W0765)		1	114.00	7.00	0.35	279.30		
	7th Cross Rd(W0763)		1	118.00	6.80	0.35	280.84		
	Cross rd		1	40.00	5.70	0.35	79.80		
	SLV Meadows Road		1	362.00	9.10	0.35	1152.97		
	G Ramayya Layout								
	Dhanush Enclave Opp Rd		1	65.20	5.60	0.35	127.79		
	Kallam Kutira House Rd		1	70.00	5.50	0.35	134.75		
	Debris		20	8.00	3.00	0.50	240.00		
	G Ramayya Layout								
	Main Road		1	368.00	6.20	0.40	912.64		
	4th Cross Road (W0430)		1	183.00	5.90	0.40	431.88		
	3rd Cross Road (W0432)		1	185.50	6.80	0.40	504.56		
	2nd Cross Road (W0436)		1	179.00	6.50	0.40	465.40		
	1st Cross Road (W0438)		1	178.00	6.10	0.40	434.32		
	4th B Cross Road		1	25.00	5.40	0.40	54.00		
	4th A Cross Road		1	40.10	5.20	0.40	83.41		
	Sal Orchid								
	1st Main Road (W0558)		1	159.00	6.50	0.35	361.73		
	Debris		45	12.00	3.00	0.45	729.00		
							11437.20	**63.94**	**731294.73**
3	KSRRB 300-58. **Compaction of original ground** with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (I No-19.64,P No-147)								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Basic rate	6.00							
Area Weightage 6%	0.36							
Total	6.36							
	Sqm							
ew Asphalt Road								
rundavana Layout								
emple Connecting Rd		1	130.00	6.60		858.00		
ontinue Upto Compound		1	190.00	5.60		1064.00		
ompound to Temple Rd		1	135.00	5.50		742.50		
nrich Brundavana Layout Rd		1	154.50	7.50		1158.75		
rd Main Rd		1	72.50	6.40		464.00		
nd Cross Rd		1	40.00	6.00		240.00		
th Main Rd		1	84.00	6.30		529.20		
onnecting Rd to Avikya ayout		1	165.00	6.00		990.00		
are Anjanappa Layout								
Main Rd		1	58.00	5.90		342.20		
Mariyappa Layout								
Slv Enterprises Rd		1	128.50	5.50		706.75		
Main Rd		1	176.00	5.90		1038.40		
Cross Rd		1	75.00	5.50		412.50		
Ambhabhavani nagara								
1st Main Rd From Turning (W0416)		1	19.00	6.20		117.80		
1st Main Rd From Dead End (W0416)		1	115.00	5.80		667.00		
1st A Cross Rd		1	76.50	7.50		573.75		
Cross Rd		1	27.50	6.50		178.75		
2nd A Cross Rd		1	65.00	5.50		357.50		
1st Cross Rd Starting(W0519)		1	15.00	3.80		57.00		
1st Cross Rd Dead end(W0519)		1	58.50	5.90		345.15		
2nd Cross Rd(W0515)		1	60.00	5.90		354.00		
3rd Cross Rd(W0513)		1	60.00	5.90		354.00		
4th Cross Rd(W0511)		1	60.00	5.90		354.00		
5th Cross Rd(W0757)		1	220.00	5.30		1166.00		
2nd main Rd(W0418)		1	116.00	5.50		638.00		
2nd main Cross (W0422)		1	110.50	5.80		640.90		
6th Cross Rd(W0765)		1	114.00	7.00		798.00		
7th Cross Rd(W0763)		1	118.00	6.80		802.40		
Cross rd		1	40.00	5.70		228.00		
SLV Meadows Road		1	362.00	9.10		3294.20		
G Ramayya Layout								
Dhanush Enclave Opp Rd		1	65.20	5.60		365.12		
Kallam Kutira House Rd		1	70.00	5.50		385.00		
G Ramayya Layout								
Main Road		1	368.00	6.20		2281.60		
4th Cross Road (W0430)		1	183.00	5.90		1079.70		
3rd Cross Road (W0432)		1	185.50	6.80		1261.40		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
nd Cross Road (W0436)		1	179.00	6.50		1163.50		
st Cross Road (W0438)		1	178.00	6.10		1085.80		
th B Cross Road		1	25.00	5.40		135.00		
th A Cross Road		1	40.10	5.20		208.52		
ai Orchid								
st Main Road (W0558)		1	159.00	6.50		1033.50		
						28471.89	**6.36**	**181081.22**
SRRB M300-53. **Construction of embankment** with approved material Gravel /Murrum with all lifts nd leads, transporting to site, spreading, grading to required slope and compacting to meet equirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering harges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305. Page 147, Item No 19.60)								
Brundavana Layout								
Temple Connecting Rd		1	130.00	6.60	0.30	257.40		
Continue Upto Compound		1	190.00	5.60	0.30	319.20		
Compound to Temple Rd		1	135.00	5.50	0.30	222.75		
						799.35	**344.50**	**275376.08**
Basic Rate Rs.=	325.00							
Add 6% A.W Rs. =	19.50							
Total Rate Rs. =	**344.50**							
Construction of **granular sub-base Grading-V as Sub-base** and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)								
Basic rate	1882.00							
Area Weightage 6%	112.92							
Total	**1994.92**							
	Cum							
New Asphalt Road								
Brundavana Layout								
Temple Connecting Rd		1	130.00	6.60	0.15	128.70		
Continue Upto Compound		1	190.00	5.60	0.15	159.60		
Compound to Temple Rd		1	135.00	5.50	0.15	111.38		
Enrich Brundavana Layout Rd		1	154.50	7.50	0.15	173.81		
3rd Main Rd		1	72.50	6.40	0.15	69.60		
2nd Cross Rd		1	40.00	6.00	0.15	36.00		
5th Main Rd		1	84.00	6.30	0.15	79.38		
Connecting Rd to Avikya Layout		1	165.00	6.00	0.15	148.50		
Kare Anjanappa Layout								
Main Rd		1	58.00	5.90	0.15	51.33		
Mariyappa Layout								
Slv Enterprises Rd		1	128.50	5.50	0.15	106.01		
Main Rd		1	176.00	5.90	0.15	155.76		
Cross Rd		1	75.00	5.50	0.15	61.88		
Ambhabhavani nagara								

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Lst Main Rd From Turning W0416)		1	19.00	6.20	0.15	17.67		
Lst Main Rd From Dead End W0416)		1	115.00	5.80	0.15	100.05		
Lst A Cross Rd		1	76.50	7.50	0.15	86.06		
Cross Rd		1	27.50	6.50	0.15	26.81		
2nd A Cross Rd		1	65.00	5.50	0.15	53.63		
Lst Cross Rd Starting(W0519)		1	15.00	3.80	0.15	8.55		
1st Cross Rd Dead end(W0519)		1	58.50	5.90	0.15	51.77		
2nd Cross Rd(W0515)		1	60.00	5.90	0.15	53.10		
3rd Cross Rd(W0513)		1	60.00	5.90	0.15	53.10		
4th Cross Rd(W0511)		1	60.00	5.90	0.15	53.10		
5th Cross Rd(W0757)		1	220.00	5.30	0.15	174.90		
2nd main Rd(W0418)		1	116.00	5.50	0.15	95.70		
2nd main Cross (W0422)		1	110.50	5.80	0.15	96.14		
6th Cross Rd(W0765)		1	114.00	7.00	0.15	119.70		
7th Cross Rd(W0763)		1	118.00	6.80	0.15	120.36		
Cross rd		1	40.00	5.70	0.15	34.20		
SLV Meadows Road		1	362.00	9.10	0.15	494.13		
G Ramayya Layout								
Dhanush Enclave Opp Rd		1	65.20	5.60	0.15	54.77		
Kallam Kutira House Rd		1	70.00	5.50	0.15	57.75		
G Ramayya Layout								
Main Road		1	368.00	6.20	0.15	342.24		
4th Cross Road (W0430)		1	183.00	5.90	0.15	161.96		
3rd Cross Road (W0432)		1	185.50	6.80	0.15	189.21		
2nd Cross Road (W0436)		1	179.00	6.50	0.15	174.53		
1st Cross Road (W0438)		1	178.00	6.10	0.15	162.87		
4th B Cross Road		1	25.00	5.40	0.15	20.25		
4th A Cross Road		1	40.10	5.20	0.15	31.28		
Sai Orchid								
1st Main Road (W0558)		1	159.00	6.50	0.15	155.03		
						4270.78	**1994.92**	**8519871.42**
KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)								
Basic rate	1888.00							
Area Weightage 6%	113.28							
Total	**2001.28**							
	Cum							
New Asphalt Road								
Brundavana Layout								
Temple Connecting Rd		1	130.00	6.60	0.20	171.60		
Continue Upto Compound		1	190.00	5.60	0.20	212.80		
Compound to Temple Rd		1	135.00	5.50	0.20	148.50		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Enrich Brundavana Layout Rd		1	154.50	7.50	0.20	231.75		
3rd Main Rd		1	72.50	6.40	0.20	92.80		
2nd Cross Rd		1	40.00	6.00	0.20	48.00		
5th Main Rd		1	84.00	6.30	0.20	105.84		
Connecting Rd to Avikya Layout		1	165.00	6.00	0.20	198.00		
Kare Anjanappa Layout								
Main Rd		1	58.00	5.90	0.20	68.44		
Mariyappa Layout								
Slv Enterprises Rd		1	128.50	5.50	0.20	141.35		
Main Rd		1	176.00	5.90	0.20	207.68		
Cross Rd		1	75.00	5.50	0.20	82.50		
Ambhabhavani nagara								
1st Main Rd From Turning (W0416)		1	19.00	6.20	0.20	23.56		
1st Main Rd From Dead End (W0416)		1	115.00	5.80	0.20	133.40		
1st A Cross Rd		1	76.50	7.50	0.20	114.75		
Cross Rd		1	27.50	6.50	0.20	35.75		
2nd A Cross Rd		1	65.00	5.50	0.20	71.50		
1st Cross Rd Starting(W0519)		1	15.00	3.80	0.20	11.40		
1st Cross Rd Dead end(W0519)		1	58.50	5.90	0.20	69.03		
2nd Cross Rd(W0515)		1	60.00	5.90	0.20	70.80		
3rd Cross Rd(W0513)		1	60.00	5.90	0.20	70.80		
4th Cross Rd(W0511)		1	60.00	5.90	0.20	70.80		
5th Cross Rd(W0757)		1	220.00	5.30	0.20	233.20		
2nd main Rd(W0418)		1	116.00	5.50	0.20	127.60		
2nd main Cross (W0422)		1	110.50	5.80	0.20	128.18		
6th Cross Rd(W0765)		1	114.00	7.00	0.20	159.60		
7th Cross Rd(W0763)		1	118.00	6.80	0.20	160.48		
Cross rd		1	40.00	5.70	0.20	45.60		
SLV Meadows Road		1	362.00	9.10	0.20	658.84		
G Ramayya Layout								
Dhanush Enclave Opp Rd		1	65.20	5.60	0.20	73.02		
Kallam Kutira House Rd		1	70.00	5.50	0.20	77.00		
G Ramayya Layout								
Main Road		1	368.00	6.20	0.20	456.32		
4th Cross Road (W0430)		1	183.00	5.90	0.20	215.94		
3rd Cross Road (W0432)		1	185.50	6.80	0.20	252.28		
2nd Cross Road (W0436)		1	179.00	6.50	0.20	232.70		
1st Cross Road (W0438)		1	178.00	6.10	0.20	217.16		
4th B Cross Road		1	25.00	5.40	0.20	27.00		
4th A Cross Road		1	40.10	5.20	0.20	41.70		
Sai Orchid								
1st Main Road (W0558)		1	159.00	6.50	0.20	206.70		
						5694.38	**2001.28**	**11396044.80**

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
KSRRB M500-6. Providing and applying **primer coat** with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6),								
Basic rate	32.00							
Area Weightage 6%	1.92							
Total	**33.92**							
	Sqm							
New Asphalt Road								
Brundavana Layout								
Temple Connecting Rd		1	130.00	6.60		858.00		
Continue Upto Compound		1	190.00	5.60		1064.00		
Compound to Temple Rd		1	135.00	5.50		742.50		
Enrich Brundavana Layout Rd		1	154.50	7.50		1158.75		
3rd Main Rd		1	72.50	6.40		464.00		
2nd Cross Rd		1	40.00	6.00		240.00		
5th Main Rd		1	84.00	6.30		529.20		
Connecting Rd to Avikya Layout		1	165.00	6.00		990.00		
Kare Anjanappa Layout								
Main Rd		1	58.00	5.90		342.20		
Mariyappa Layout								
Slv Enterprises Rd		1	128.50	5.50		706.75		
Main Rd		1	176.00	5.90		1038.40		
Cross Rd		1	75.00	5.50		412.50		
Ambhabhavani nagara								
1st Main Rd From Turning (W0416)		1	19.00	6.20		117.80		
1st Main Rd From Dead End (W0416)		1	115.00	5.80		667.00		
1st A Cross Rd		1	76.50	7.50		573.75		
Cross Rd		1	27.50	6.50		178.75		
2nd A Cross Rd		1	65.00	5.50		357.50		
1st Cross Rd Starting(W0519)		1	15.00	3.80		57.00		
1st Cross Rd Dead end(W0519)		1	58.50	5.90		345.15		
2nd Cross Rd(W0515)		1	60.00	5.90		354.00		
3rd Cross Rd(W0513)		1	60.00	5.90		354.00		
4th Cross Rd(W0511)		1	60.00	5.90		354.00		
5th Cross Rd(W0757)		1	220.00	5.30		1166.00		
2nd main Rd(W0418)		1	116.00	5.50		638.00		
2nd main Cross (W0422)		1	110.50	5.80		640.90		
6th Cross Rd(W0765)		1	114.00	7.00		798.00		
7th Cross Rd(W0763)		1	118.00	6.80		802.40		
Cross rd		1	40.00	5.70		228.00		
SLV Meadows Road		1	362.00	9.10		3294.20		
G Ramayya Layout								
Dhanush Enclave Opp Rd		1	65.20	5.60		365.12		
Kallam Kutira House Rd		1	70.00	5.50		385.00		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
G Ramayya Layout								
Main Road		1	368.00	6.20		2281.60		
4th Cross Road (W0430)		1	183.00	5.90		1079.70		
3rd Cross Road (W0432)		1	185.50	6.80		1261.40		
2nd Cross Road (W0436)		1	179.00	6.50		1163.50		
1st Cross Road (W0438)		1	178.00	6.10		1085.80		
4th B Cross Road		1	25.00	5.40		135.00		
4th A Cross Road		1	40.10	5.20		208.52		
Sai Orchid								
1st Main Road (W0558)		1	159.00	6.50		1033.50		
						28471.89	33.92	965766.51
KSRRB M500-17. Providing and laying **dense graded bituminous macadam** using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No-160,I No-21.17.6)								
Basic rate	6880.00							
Area Weightage 6%	412.80							
Total	**7292.80**							
	Cum							
New Asphalt Road								
Brundavana Layout								
Temple Connecting Rd		1	130.00	6.60	0.05	42.90		
Continue Upto Compound		1	190.00	5.60	0.05	53.20		
Compound to Temple Rd		1	135.00	5.50	0.05	37.13		
Enrich Brundavana Layout Rd		1	154.50	7.50	0.05	57.94		
3rd Main Rd		1	72.50	6.40	0.05	23.20		
2nd Cross Rd		1	40.00	6.00	0.05	12.00		
5th Main Rd		1	84.00	6.30	0.05	26.46		
Connecting Rd to Avikya Layout		1	165.00	6.00	0.05	49.50		
Kare Anjanappa Layout								
Main Rd		1	58.00	5.90	0.05	17.11		
Mariyappa Layout								
Slv Enterprises Rd		1	128.50	5.50	0.05	35.34		
Main Rd		1	176.00	5.90	0.05	51.92		
Cross Rd		1	75.00	5.50	0.05	20.63		
Ambhabhavani nagara								
1st Main Rd From Turning (W0416)		1	19.00	6.20	0.05	5.89		
1st Main Rd From Dead End (W0416)		1	115.00	5.80	0.05	33.35		
1st A Cross Rd		1	76.50	7.50	0.05	28.69		
Cross Rd		1	27.50	6.50	0.05	8.94		
2nd A Cross Rd		1	65.00	5.50	0.05	17.88		
1st Cross Rd Starting(W0519)		1	15.00	3.80	0.05	2.85		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
1st Cross Rd Dead end(W0519)		1	58.50	5.90	0.05	17.26		
2nd Cross Rd(W0515)		1	60.00	5.90	0.05	17.70		
3rd Cross Rd(W0513)		1	60.00	5.90	0.05	17.70		
4th Cross Rd(W0511)		1	60.00	5.90	0.05	17.70		
5th Cross Rd(W0757)		1	220.00	5.30	0.05	58.30		
2nd main Rd(W0418)		1	116.00	5.50	0.05	31.90		
2nd main Cross (W0422)		1	110.50	5.80	0.05	32.05		
6th Cross Rd(W0765)		1	114.00	7.00	0.05	39.90		
7th Cross Rd(W0763)		1	118.00	6.80	0.05	40.12		
Cross rd		1	40.00	5.70	0.05	11.40		
SLV Meadows Road		1	362.00	9.10	0.05	164.71		
G Ramayya Layout								
Dhanush Enclave Opp Rd		1	65.20	5.60	0.05	18.26		
Kallam Kutira House Rd		1	70.00	5.50	0.05	19.25		
G Ramayya Layout								
Main Road		1	368.00	6.20	0.05	114.08		
4th Cross Road (W0430)		1	183.00	5.90	0.05	53.99		
3rd Cross Road (W0432)		1	185.50	6.80	0.05	63.07		
2nd Cross Road (W0436)		1	179.00	6.50	0.05	58.18		
1st Cross Road (W0438)		1	178.00	6.10	0.05	54.29		
4th B Cross Road		1	25.00	5.40	0.05	6.75		
4th A Cross Road		1	40.10	5.20	0.05	10.43		
Sai Orchid								
1st Main Road (W0558)		1	159.00	6.50	0.05	51.68		
						1423.59	**7292.80**	**10381989.97**
KSRRB 500-7. Providing and applying **tack coat** using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-161,I No-21.7)								
Basic rate	12.00							
Area Weightage 6%	0.72							
Total	**12.72**							
	Sqm							
New Asphalt Road								
Brundavana Layout								
Temple Connecting Rd		1	130.00	6.60		858.00		
Continue Upto Compound		1	190.00	5.60		1064.00		
Compound to Temple Rd		1	135.00	5.50		742.50		
Enrich Brundavana Layout Rd		1	154.50	7.50		1158.75		
3rd Main Rd		1	72.50	6.40		464.00		
2nd Cross Rd		1	40.00	6.00		240.00		
5th Main Rd		1	84.00	6.30		529.20		
Connecting Rd to Avikya Layout		1	165.00	6.00		990.00		
Kare Anjanappa Layout								
Main Rd		1	58.00	5.90		342.20		
Mariyappa Layout								
Slv Enterprises Rd		1	128.50	5.50		706.75		
Main Rd		1	176.00	5.90		1038.40		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Cross Rd		1	75.00	5.50		412.50		
Ambhabhavani nagara								
1st Main Rd From Turning (W0416)		1	19.00	6.20		117.80		
1st Main Rd From Dead End (W0416)		1	115.00	5.80		667.00		
1st A Cross Rd		1	76.50	7.50		573.75		
Cross Rd		1	27.50	6.50		178.75		
2nd A Cross Rd		1	65.00	5.50		357.50		
1st Cross Rd Starting(W0519)		1	15.00	3.80		57.00		
1st Cross Rd Dead end(W0519)		1	58.50	5.90		345.15		
2nd Cross Rd(W0515)		1	60.00	5.90		354.00		
3rd Cross Rd(W0513)		1	60.00	5.90		354.00		
4th Cross Rd(W0511)		1	60.00	5.90		354.00		
5th Cross Rd(W0757)		1	220.00	5.30		1166.00		
2nd main Rd(W0418)		1	116.00	5.50		638.00		
2nd main Cross (W0422)		1	110.50	5.80		640.90		
6th Cross Rd(W0765)		1	114.00	7.00		798.00		
7th Cross Rd(W0763)		1	118.00	6.80		802.40		
Cross rd		1	40.00	5.70		228.00		
SLV Meadows Road		1	362.00	9.10		3294.20		
G Ramayya Layout								
Dhanush Enclave Opp Rd		1	65.20	5.60		365.12		
Kallam Kutira House Rd		1	70.00	5.50		385.00		
G Ramayya Layout								
Main Road		1	368.00	6.20		2281.60		
4th Cross Road (W0430)		1	183.00	5.90		1079.70		
3rd Cross Road (W0432)		1	185.50	6.80		1261.40		
2nd Cross Road (W0436)		1	179.00	6.50		1163.50		
1st Cross Road (W0438)		1	178.00	6.10		1085.80		
4th B Cross Road		1	25.00	5.40		135.00		
4th A Cross Road		1	40.10	5.20		208.52		
Sai Orchid								
1st Main Road (W0558)		1	159.00	6.50		1033.50		
						28471.89	**12.72**	**362162.44**
KSRRB M500-19. Providing and laying **bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. **with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen** (P.No.162, I.No.21.22.6)								
Basic rate	7972.00							
Area Weightage 6%	478.32							
Total	**8450.32**							
	Cum							
New Asphalt Road								
Brundavana Layout								
Temple Connecting Rd		1	130.00	6.60	0.04	34.32		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Continue Upto Compound		1	190.00	5.60	0.04	42.56		
Compound to Temple Rd		1	135.00	5.50	0.04	29.70		
Enrich Brundavana Layout Rd		1	154.50	7.50	0.04	46.35		
3rd Main Rd		1	72.50	6.40	0.04	18.56		
2nd Cross Rd		1	40.00	6.00	0.04	9.60		
5th Main Rd		1	84.00	6.30	0.04	21.17		
Connecting Rd to Avikya Layout		1	165.00	6.00	0.04	39.60		
Kare Anjanappa Layout								
Main Rd		1	58.00	5.90	0.04	13.69		
Mariyappa Layout								
Slv Enterprises Rd		1	128.50	5.50	0.04	28.27		
Main Rd		1	176.00	5.90	0.04	41.54		
Cross Rd		1	75.00	5.50	0.04	16.50		
Ambhabhavani nagara								
1st Main Rd From Turning (W0416)		1	19.00	6.20	0.04	4.71		
1st Main Rd From Dead End (W0416)		1	115.00	5.80	0.04	26.68		
1st A Cross Rd		1	76.50	7.50	0.04	22.95		
Cross Rd		1	27.50	6.50	0.04	7.15		
2nd A Cross Rd		1	65.00	5.50	0.04	14.30		
1st Cross Rd Starting(W0519)		1	15.00	3.80	0.04	2.28		
1st Cross Rd Dead end(W0519)		1	58.50	5.90	0.04	13.81		
2nd Cross Rd(W0515)		1	60.00	5.90	0.04	14.16		
3rd Cross Rd(W0513)		1	60.00	5.90	0.04	14.16		
4th Cross Rd(W0511)		1	60.00	5.90	0.04	14.16		
5th Cross Rd(W0757)		1	220.00	5.30	0.04	46.64		
2nd main Rd(W0418)		1	116.00	5.50	0.04	25.52		
2nd main Cross (W0422)		1	110.50	5.80	0.04	25.64		
6th Cross Rd(W0765)		1	114.00	7.00	0.04	31.92		
7th Cross Rd(W0763)		1	118.00	6.80	0.04	32.10		
Cross rd		1	40.00	5.70	0.04	9.12		
SLV Meadows Road		1	362.00	9.10	0.04	131.77		
G Ramayya Layout								
Dhanush Enclave Opp Rd		1	65.20	5.60	0.04	14.60		
Kallam Kutira House Rd		1	70.00	5.50	0.04	15.40		
G Ramayya Layout								
Main Road		1	368.00	6.20	0.04	91.26		
4th Cross Road (W0430)		1	183.00	5.90	0.04	43.19		
3rd Cross Road (W0432)		1	185.50	6.80	0.04	50.46		
2nd Cross Road (W0436)		1	179.00	6.50	0.04	46.54		
1st Cross Road (W0438)		1	178.00	6.10	0.04	43.43		
4th B Cross Road		1	25.00	5.40	0.04	5.40		
4th A Cross Road		1	40.10	5.20	0.04	8.34		
Sal Orchid								
1st Main Road (W0558)		1	159.00	6.50	0.04	41.34		
						1138.88	**8450.32**	**9623863.26**

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
(SRRB M800-13.**Road Marking** with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)								
Basic rate	429.00							
Area Weightage 6%	25.74							
Total	**454.74**							
	Sqm							
Brundavana Layout								
Temple Connecting Rd		2	130.00	0.10		26.00		
Continue Upto Compound		2	190.00	0.10		38.00		
Compound to Temple Rd		2	135.00	0.10		27.00		
Enrich Brundavana Layout Rd		2	154.50	0.10		30.90		
3rd Main Rd		2	72.50	0.10		14.50		
2nd Cross Rd		2	40.00	0.10		8.00		
5th Main Rd		2	84.00	0.10		16.80		
Connecting Rd to Avikya Layout		2	165.00	0.10		33.00		
Kare Anjanappa Layout								
Main Rd		2	58.00	0.10		11.60		
Mariyappa Layout								
Slv Enterprises Rd		2	128.50	0.10		25.70		
Main Rd		2	176.00	0.10		35.20		
Cross Rd		2	75.00	0.10		15.00		
Ambhabhavani nagara								
1st Main Rd From Turning (W0416)		2	19.00	0.10		3.80		
1st Main Rd From Dead End (W0416)		2	115.00	0.10		23.00		
1st A Cross Rd		2	76.50	0.10		15.30		
Cross Rd		2	27.50	0.10		5.50		
2nd A Cross Rd		2	65.00	0.10		13.00		
1st Cross Rd Starting(W0519)		2	15.00	0.10		3.00		
1st Cross Rd Dead end(W0519)		2	58.50	0.10		11.70		
2nd Cross Rd(W0515)		2	60.00	0.10		12.00		
3rd Cross Rd(W0513)		2	60.00	0.10		12.00		
4th Cross Rd(W0511)		2	60.00	0.10		12.00		
5th Cross Rd(W0757)		2	220.00	0.10		44.00		
2nd main Rd(W0418)		2	116.00	0.10		23.20		
2nd main Cross (W0422)		2	110.50	0.10		22.10		
6th Cross Rd(W0765)		2	114.00	0.10		22.80		
7th Cross Rd(W0763)		2	118.00	0.10		23.60		

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
ross rd		2	40.00	0.10		8.00		
LV Meadows Road		2.5	362.00	0.10		90.50		
i Ramayya Layout								
hanush Enclave Opp Rd		2	65.20	0.10		13.04		
allam Kutira House Rd		2	70.00	0.10		14.00		
i Ramayya Layout								
Main Road		2.5	368.00	0.10		92.00		
th Cross Road (W0430)		2	183.00	0.10		36.60		
nd Cross Rd(W0515)		2	185.50	0.10		37.10		
rd Cross Rd(W0513)		2	179.00	0.10		35.80		
th Cross Rd(W0511)		2	178.00	0.10		35.60		
5th Cross Rd(W0757)		2	25.00	0.10		5.00		
2nd main Rd(W0418)		2	40.10	0.10		8.02		
2nd main Cross (W0422)								
6th Cross Rd(W0765)		2	159.00	0.10		31.80		
						936.16	454.74	425709.40
KSRRB M800-35. **Supply and Installtion of Moulded Shank Raised Pavement Markers** made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.(P.No-187,I No-24.41)								
Basic rate	337.00							
Area Weightage 6%	20.22							
Total	357.22							
	Nos							
Brundavana Layout								
Temple Connecting Rd		2	18.00			36.00		
Continue Upto Compound		2	27.00			54.00		
Compound to Temple Rd		2	19.00			38.00		
Ambhabhavani nagara								
5th Cross Rd(W0757)		2	31.00			62.00		
SLV Meadows Road		3	51.00			153.00		
G Ramayya Layout								
Main Road		3	43.00			129.00		
4th Cross Road (W0430)		2	22.00			44.00		
		2	24.00			48.00		
		2	23.00			46.00		
		2	22.00			44.00		
						654.00	357.22	233621.88
							Total Construction Cost	87500827.44
							Towards GST 12%	10500099.29

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
							DPR & PMC Charges 2%	1996000.00
							Sub Total	99996926.74
							Miscellaneous & Rounding Off	3,073.26
							Total	100000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 01-01-2021 and Data Rates

Assistant Engineer
Ward 03
BBMP Bangalore

Asst. Executive Engineer
Yelahanka New Town Sub Division
BBMP Bangalore

Executive Engineer
Yelahanka Division
BBMP Bangalore

Administrative Sanction for Rs. Rs.1000.00 lakhs
Rupees Ten Crores Only
.....
is accorded under head P-3867
Restoration of 110 Villages newly
dug by BWSSB
Registered as CE No. 27 Subject
to conditions contained in enclosed memo
No.BBMP/E.E/YNK-N/AS/22/21-22 Dt. 11/2/22

Executive Engineer

Technical Sanction
Accorded for Rs 1000 lakhs only
Head of A/C P-3867
CER NO : 32 Dt. 26.08.2021

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ